INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Art Unit					
	Application Number		10551649		
	Filing Date		2005-09-29		
	First Named Inventor	Yech	ezkel Barenholz		
	Art Unit		1612		
F	Examiner Name	Isaac	Shorner		
	Attorney Docket Number		BARENHOLZ 9A		

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	1	4138480	A	1979-02-06	GOSALVEZ		
	2	4199571	A	1980-04-22	ANGELUCCI et al.		
	3	4216157	A	1980-08-05	ANGELUCCI et al.		
	4	4229355	А	1980-10-21	PENCO et al.		
	5	4314054	A	1982-02-02	ACTON et al.		
	6	4672057	A	1987-06-09	BARGIOTTI et al.		
	7	5013556	A	1991-05-07	WOODLE et al.		
	8	5192549	A	1993-03-09	BARENHOLZ et al.		

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9	5304687	A	1994-04-19	BARGIOTTI et al.	
10	5316771	A	1994-05-31	BARENHOLZ et al.	
11	5395619	A	1995-03-07	ZALIPSKY et al.	
12	5677337	A	1997-10-14	WEI et al.	
13	5785987	A	1998-07-28	HOPE et al.	
14	5817856	A	1998-10-06	TIROSH et al.	
15	5939096	A	1999-08-17	CLERC et al.	
16	6043094	A	2000-03-28	MARTIN et al.	
17	6165501	A	2000-12-26	TIROSH	
18	6586001	B1	2003-07-01	ZALIPSKY	
19	6630579	B1	2003-10-07	CHARI et al.	

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	1	0059517	wo		A1	2000-11-12	WANEBO et al.			
	2	0149698	wo		A1	2001-07-12	CHARI et al.			
	3	04082579	wo		A2	2004-09-30	GERONI ot al.			
	4	04087097	wo		A2	2004-10-14	BARENHOLZ			
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	1	Cuviller "Suppression of ceramide-mediated programmed cell death by sphingosine-t-phosphal", Nature, Vol. 381, pp. 800-803 (1996)	
	2	Drummond et al. 'Optimizing Liposomes for Delivery of Chemotherapeulio Agents to Solid Tumors', American Society for Pharmacology and Experimental Therapeutics, Vol. 15, No. 4, pp. 691-743 (1999)	
	3	Huang et al. "Pharmackinetics and Therapeutics of Sterically Stabilized Liposomes in Bearing C-26 Colon Carcinoma" Cancer Research 52, pp. 6774-6781 (1992)	
	4	Khazanov et al. 'Physiochemical and Biological Characterization of Ceramide-Containing Liposomes: Paving the Way to Ceramide Therapeutic Application' Langmur, 24, pp. 6965-6980 (2008)	
	5	Kumar 'Complementary molecular shapes and additivity of the packing parameter of lipids' Proc. Natl. Acad. Sci. Vol. 88, pp. 444-449 (1991)	
	6	Modrak et al. Sphingolipid targets in cancer therapy", Mol. Cancer Ther. 5(2), pp. 200-208 (2006)	
	7	Nicholas et al "Effect of grafted polyethylene glycol (PEG) on the size, encapsulation efficiency and permeability of vesicles", Biochimica et Biophysica Acts 1463, pp. 167-178 (2000)	
	8	Noda et al "Pharmacodynamics and Tumonicidal Effect of Adriamyon Entrapped Ceramide Sulfate-Containing Liposomes, Bol. Pharm. Bull 17(9), pp. 1246-1250 (1994).	
	9	Ogretmen et al. "Role of Ceramide in Mediating the Inhibition of Telomerase Activity in AS49 Human Lung Adenocaronoma Celle" The Journal of Biological Chemistery, Vol. 276, No. 27, pp. 24901-24910 (2001)	
	40	Schroeder et al "Ultrasound triggered release of cisplatin from liposomes in murine tumors", Journal of Controlled	

Release 137, pp. 63-68 (2009)

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13 Verdman et al. "N-hexanoy4-sphingomyelin potentiates in vitro dosorubion cytoloxicity by enhancing its cellular influx". 13 British Journal of Canner, Vol. 90, pp 917-925 (2004)	
12 Tirroth et al. 'Hydration of Polyethylene Glycol-Grafted Liposomes', Blophysical Journal, Vol. 74, pp. 1371-1379 (1991	3)
Slover et al "Cancer Therapy: Preclaincal / Systemic Delivery of Liposomal Short-Chain Ceramide Limits Solid Tumor Growth in Muttne Models of Breast Adenocarcinoma" Clin Cancer Res, 11(9), pp. 3465-3474 (2005)	

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